

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An X-ray apparatus for intraoral imaging applications, said apparatus comprising a linkage mounted on a support structure, to which is connected an X-ray source for generating X-radiation and directing the same to a receiver instrument placed in a patient's mouth, said linkage comprising a first arm member, articulated to the support structure and adapted to be pivotable around a substantially vertical axis, a second arm member, connected to the end of the first arm member spaced from the support structure and adapted to be pivotable around a substantially vertical axis and a horizontal axis, and a third arm member, connected to the opposite end of the second arm member and adapted to be pivotable around a substantially horizontal axis, the unsupported end of the latter having the X-ray source mounted thereon with an articulated joint, which allows pivoting of the X-ray source to various positions, said X-ray apparatus having said first arm member designed to be adjustable regarding its length,

wherein the first arm member comprises two telescopically fitted, substantially rectangular profiles, an inner profile having its two opposite outside surfaces formed with recesses lengthwise of the inner profile, with T-slots provided on a bottom side, and an outer profile having its inside surface formed with inward protrusions complementary to said recesses and provided with fastening through-holes for the passage of fastening elements from the outer profile's outside surface to the T-slot for locking said profiles in a desired relative position in a longitudinal direction.

2. (Cancelled)

3. (Currently Amended) An apparatus as set forth in claim 21, wherein the outer profile has its outside surface provided with a lengthwise recess complementary to that present in the inner profile's outside surface.
4. (Original) An apparatus as set forth in claim 3, wherein said recesses in the inner and outer profiles are provided with a cover element for making the inner and outer profiles' outside surface essentially flat.
5. (New) An arm member of an x-ray apparatus, the arm member comprising:
 - a. a substantially rectangular inner profile, wherein the inner profile includes a recess formed in a lengthwise direction along each of a set of opposite sides of the inner profile;
 - b. a substantially rectangular outer profile telescopically fitted to the inner profile, wherein an inside surface of the outer profile is formed with inward protrusions corresponding to each of the recesses of the inner profile;
 - c. a set of fastening elements configured to extend through a set of fastening holes in an outer surface of the outer profile; and
 - d. a set of T-slots configured on a bottom side of the inner profile, the set of T-slots configured to receive the set of fastening elements, thus locking the inner profile and the outer profile in a desired position, wherein the arm member is configured to couple an x-ray apparatus linkage to an x-ray source.